

Amendments To The Specification:

In the English translation document, please delete the term --Description-- at page 1 line 1, before the title.

In the English translation document, please add the paragraph at page 1 line 5, after the title, as follows:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is the US National Stage of International Application No. PCT/EP03/007520, filed July 10, 2003 and claims the benefit thereof. The International Application claims the benefits of European application No. 02017090.8 EP filed July 29, 2002, both of the applications are incorporated by reference herein in their entirety.--

In the English translation document, please add the paragraph at page 1 line 5, after the newly added CROSS REFERENCE TO RELATED APPLICATIONS section, as follows:

--FIELD OF INVENTION

This invention relates to a media gateway for provision of the PSTN/ISDN services in next-generation networks.--

In the English translation document, please add the section heading at page 1 line 5, after the newly added FIELD OF INVENTION section, as follows:

--BACKGROUND OF INVENTION--

In the English translation document, please amend the paragraph at page 1 line 6, as follows:

~~1. Which technical problem is to be solved by the invention?~~

In the English translation document, please amend the paragraph at page 2 lines 24-25, as follows:

~~1.1~~ Performance loss as a result of greatly increased incoming signaling messages and greater distance-related signal delay times

In the English translation document, please amend the paragraph at page 3 lines 18-20, as follows:

1.2 Limited network availability - Impossible to establish a connection in the event of a fault in the network or if the media gateway controller fails

In the English translation document, please amend the paragraph at page 3 line 34, as follows:

1.3 Applying an accurate time charge

In the English translation document, please amend the paragraph at page 4 line 6, as follows:

~~2. How has this problem been solved hitherto?~~

In the English translation document, please add the section heading and paragraph at page 4 line 34, as follows

--SUMMARY OF INVENTION

One aspect of the present invention provides a media gateway of a packet-based communication network, comprising:

a data channel controller which controls a data channel of a first communication connection;

a terminator that terminates a signaling message of a second communication connection; and

a connection controller that performs a first part of a connection control function for a third communication connection and authorizes a central network controller to carry out a second part of the connection control function.

Another aspect of the present invention a controller in a packet-based communication network for connection control which carries out connection control functions centrally in the network for a communication connections, comprising:

a media gateway operatively attached to the controller,

wherein the controller receives a task for performing the connection control from the media gateway, the controller either carries out the tasks itself or controls further execution of the tasks instead of the media gateways.

Another aspect of the present invention a method for handling a communication connection in a packet-based network, comprising:

- receiving an incoming signaling message from a circuit selected from the group consisting of subscriber circuit, connection circuit, and combinations thereof;
- evaluating the incoming signaling;
- performing a first part of a connection control by a media gateway; and
- authorizing by the media gateway a central network controller to perform a second part of a connection control.--

In the English translation document, please add the paragraph at page 4 line 34, after the newly added SUMMARY OF INVENTION section, as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS

In the drawings:

- Figure 1 shows the principle of the present-day PSTN/ISDN networks.
- Figure 2 shows an example of the speech communication principle in next generation networks according to the present-day understanding of NGN.
- Figure 3 shows a new function split for NGNs.
- Figure 4 shows fundamental communication relationships.
- Figure 5 shows a comparison between architectures using the conventional NGN approach and the approach embodied by the hiA 7600.
- Figure 6 shows the network image for a basic call in which both ports are assigned to the control proxy.
- Figure 7 shows the flow of signaling messages associated with the basic call mentioned in Figure 6.
- Figure 8 shows the network image for a basic call in which only incoming access is controlled by the control proxy.

Figure 9 shows the signaling flow associated with Figure 8.

Figure 10 shows the intelligent access gateway approach corresponds to the function split pursued by SIP, making it possible to integrate access gateways into the world of SIP. The access control protocol is replaced by the standardized SIP protocol. --

In the English translation document, please add the paragraph at page 4 line 34, after the newly added BRIEF DESCRIPTION OF THE DRAWINGS section, as follows:

--DETAILED DESCRIPTION OF THE INVENTION--

In the English translation document, please amend the paragraph at page 4 line 35 and page 5 line 1, as follows:

~~3. In what way does the invention solve the specified technical problem?~~

In the English translation document, please amend the paragraph at page 7 line 11 and, as follows:

~~3.1~~ The performance loss problem

In the English translation document, please amend the paragraph at page 7 line 22, as follows:

~~3.2~~ The problem of limited network availability

In the English translation document, please amend the paragraph at page 8 line 1, as follows:

~~3.3~~ The problem of applying an accurately timed charge

In the English translation document, please amend the paragraph at page 8 line 13, as follows:

~~4.~~ Comparing the invention with the conventional function approach

In the English translation document, please amend the paragraph at page 8 line 28, as follows:

~~5.~~ Exemplary embodiment(s) of the invention

In the English translation document, please amend the paragraph at page 9 line 11, as follows:

~~5.1 Intelligent access gateway~~

In the English translation document, please amend the paragraph at page 11 line 32, as follows:

~~5.2 SIP access client~~